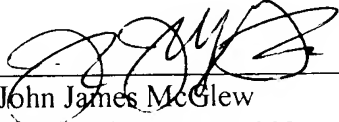


Favorable action on the merits is respectfully requested.

Respectfully submitted
for Applicant,

By: _____


John James McGlew
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McGLEW AND TUTTLE, P.C.

JJM:jj/esd
70372.1

Enclosed: Version of Claims Showing Changes, Substitute Specification and Marked up
copy of Translation

DATED: January 17, 2002
SCARBOROUGH STATION
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SHOULD ANY OTHER FEE BE REQUIRED, THE PATENT AND TRADEMARK OFFICE
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SCARBOROUGH STATION, SCARBOROUGH, NY 10510-0827

BY: _____

DATE: January 17, 2002

Version of Claims Showing Changes

~~{1. Honeycomb}~~ 1. (AMENDED) A honeycomb structure comprising:
a plurality of flexible material strips arranged next to one another, said strips being connected to one another, said material strips having a corrugated shape with a U-shaped cross section of essentially straight vertical partial areas and curved horizontal partial areas, said material strips being connected to one another at said contact points of the straight vertical partial areas.

2. (AMENDED) A honeycomb structure in accordance with claim 1, wherein the material strips are films of plastic, paper, metal or composite materials.

3. (AMENDED) A honeycomb structure in accordance with claim 1, wherein the material strips are welded to one another.

4. (AMENDED) A honeycomb structure in accordance with claim 1, wherein the material strips are bonded to one another.

5. (AMENDED) A device for manufacturing a honeycomb structure with a plurality of flexible material strips ~~{which are}~~ arranged next to one another, ~~{are}~~ the strips being connected to one another ~~{and are characterized in that}~~, the material strips ~~{have}~~ having a corrugated shape with a U-shaped cross section of ~~{said}~~ essentially straight ~~{,}~~ vertical partial areas ~~{(3)}~~ and ~~{said}~~ curved ~~{,}~~ horizontal partial areas ~~{(2)}~~, ~~{and that}~~ the material strips ~~{are}~~ being connected to one another at ~~{said}~~ the contact points ~~{(4)}~~ of the straight ~~{,}~~ vertical partial areas ~~{,}~~.

~~2. Honeycomb structure in accordance with claim 1, characterized in that the material strips may consist of films (e.g., plastic), paper, metal or composite materials.~~

~~3. Honeycomb structure in accordance with claim 1, characterized in that the material strips are welded to one another.~~

~~4. Honeycomb structure in accordance with claim 1, characterized in that the material strips are bonded to one another.~~

~~5. Device for manufacturing a honeycomb structure in accordance with one of the claims 1 through 4, characterized in that it has said }, the device comprising:~~

~~welding sections {(6), by which} guiding the {said} flexible material strips {(9) are guided, wherein the said material strips are welded to one another by means of a said};~~

~~a comb-like finger system {(10) by}, said material strips being welded to one another with the comb-like finger system, the finger system or the welding sections being laterally~~

displaced by two sections~~[- and -]~~,

a pressing-on ~~[operation]~~ device between the finger and the welding section ~~[takes place, which presses]~~ pressing two material strips onto a ~~[said]~~ heated welding wire ~~[(7), which leads to produce]~~ a thermal connection of the material strips.

6. ~~[— D]~~ (AMENDED) A device in accordance with claim 5, ~~[characterized in that the said]~~ wherein fingers ~~[(10)]~~ of the finger system are equipped with a ~~[said]~~ heating wire ~~[(7)]~~ for welding together the material strips.

7. ~~[— D]~~ (AMENDED) A device in accordance with claim 5, ~~[characterized in that]~~ wherein both the ~~[said]~~ welding sections ~~[(6)]~~ and the ~~[said]~~ fingers ~~[(10)]~~ are equipped with a ~~[said]~~ heating wire ~~[(7)]~~ for welding together the material strips.

8. ~~[— D]~~ (AMENDED) A device in accordance with claim 5, ~~[characterized in that]~~ wherein the ~~[said]~~ welding sections ~~[(6)]~~ or the ~~[said]~~ fingers ~~[(10)]~~ may also be equipped with high-frequency or ultrasonic welding units.

9. ~~[— D]~~ (AMENDED) A device in accordance with claim 5, ~~[characterized in that]~~ wherein the ~~[said]~~ welding sections ~~[(6)]~~ or the ~~[said]~~ fingers ~~[(10)]~~ may also be equipped with laser welding units.

10. ~~[— D]~~ (AMENDED) A device in accordance with claim 5, ~~[characterized in that]~~ wherein the ~~[said]~~ welding sections ~~[(6)]~~ or the ~~[said]~~ fingers ~~[(10)]~~ may also be equipped with heated metal straps, metal elements or heating cartridges as welding units.

11. ~~[— D]~~ (AMENDED) A device in accordance with claim 5, ~~[characterized in that]~~ wherein the ~~[said]~~ welding sections ~~[(6)]~~ or the ~~[said]~~ fingers ~~[(10)]~~ may also be equipped with hot air welding units.

12. ~~[— D]~~ (AMENDED) A device in accordance with claim 5, ~~[characterized in that]~~ wherein the ~~[said]~~ welding sections ~~[(6)]~~ or the ~~[said]~~ fingers ~~[(10)]~~ may also be equipped with induction welding units.

13. ~~[— D]~~ (AMENDED) A device in accordance with claim 5, ~~[characterized in that]~~ wherein the ~~[said]~~ welding sections ~~[(6)]~~ or the ~~[said]~~ fingers ~~[(10)]~~ may also be equipped with friction welding units.

14. ~~[— D]~~ (AMENDED) A device in accordance with claim 5, ~~[characterized in that]~~ wherein the feeding of the honeycomb can be accomplished by means of ~~[said]~~ the slide elements ~~[(8)]~~ at the ~~[said]~~ welding sections ~~[(6)]~~, but also with finger systems which move into the completely welded honeycomb and subsequently perform a feed motion.